

Transformation

1. Thaw 50 μ l competent cells on ice (15-20 min)
2. Mix 5 μ l of ligation with the cells
3. Incubate on ice for 30 min
4. Heat shock at 42 °C for 30-60 s
5. Incubate on ice for 3 min
6. Pipette 800 μ l LB medium
7. Incubate at 37 °C for 70 min on shaker
8. **Plate on appropriate antibiotic medium**